

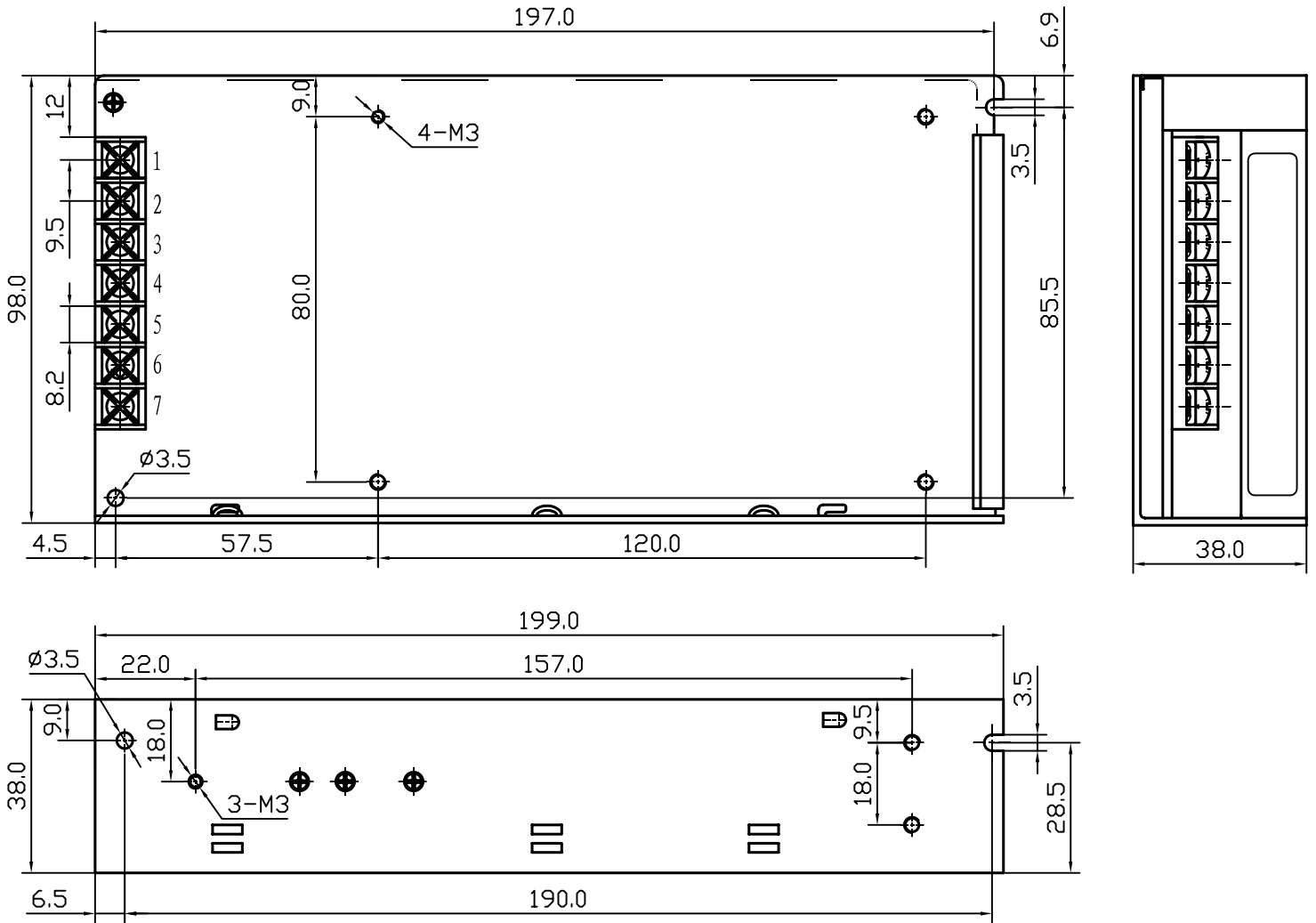
Features:

- High efficiency, high reliability
- AC input range selected by switch
- 100% full load burn-in test
- Protections: Short circuit/Over load/ Over voltage
- Cooling by free air convection
- Fixed switching frequency at 83KHz
- 2 years warranty
- Dimensions: 199*98*38mm (L*W*H)



MODEL		SKS-100F -5	SKS-100F -7.5	SKS-100F -12	SKS-100F -15	SKS-100F -24	SKS-100F -27	SKS-100F -48	
OUTPUT	DC VOLTAGE	5V	7.5V	12V	15V	24V	27V	48V	
	VOLTAGE TOLERANCE	±2%	±1%	±1%	±1%	±1%	±1%	±1%	
	RATED CURRENT	20A	13.5A	8.5A	6.7A	4.5A	3.5A	2.2A	
	CURRENT RANGE	0-20A	0-13.5A	0-8.5A	0-6.7A	0-4.5A	0-3.5A	0-2.2A	
	RATED POWER	100W	101W	102W	100.5W	108W	94.5W	105.6W	
	RIPPLE & NOISE	100mVp-p	125mVp-p	125mVp-p	125mVp-p	150mVp-p	150mVp-p	150mVp-p	
	DC,ADJUSTMENT RANGE	±10%	±10%	±10%	±10%	±10%	±10%	±10%	
	SETUP,RISE,HOLDTIME	1s,30ms,15ms at full load							
INPUT	VOLTAGE RANGE	88~132 VAC/176~264VAC 47~63 Hz; selected by switch 248~370VDC							
	AC CURRENT	3.15A/115 V 1.5A/ 230 V							
	EFFICIENCY	76%	78%	80%	81%	83%	83%	84%	
	INRUSH CURRENT	Cold start 30A/115V 60A/230V							
	LEAKAGE CURRENT	<1 mA/240VAC							
PROTECTION	OVER LOAD	135%~165% Protection type: Shut down o/p voltage, recovers automatically after fault condition is removed.							
	OVER VOLTAGE	115%~135% Protection type: hiccup mode, recovers automatically after fault condition is removed.							
ENVIRONMENT	WORKING,TEMP., HUMIDITY	-10℃~+60℃; 20%~90 %RH							
	STORAGE,TEMP.,HUMIDITY	-20℃~+85℃; 10%~95 %RH							
	VIBRATION	10~500Hz, 2G 10min./1cycle, period for 60 min, each along X, Y, Z axes							
SAFETY	WITHSTAND VOLTAGE	I/P-O/P: 3KVAC I/P-FG: 1.5KVAC O/P-FG: 0.5KVAC							
	ISOLATION RESISTANCE	I/P-O/P, I/P-FG, O/P-FG: 100M Ohms/500VDC							
STANDARD	SAFETY STANDARD	Design refer to UL1012 TUV EN60950							
	EMC STANDARD	Design refer to EN55022, EN61000-3-2, -3; EN61000-4-2, 3, 4, 5, 6, 8, 11; ENV50204, EN55024							
OTHER	WEIGHT	0.65Kg							
	PACKING	20pcs/14.2Kg/0.72CUFT							
NOTE	<ol style="list-style-type: none"> All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25℃ of ambient temperature. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1 μ & 47 μ parallel capacitor. Tolerance: includes set up tolerance, line regulation and load regulation. The power supply is considered a component which will be installed into a final equipment. The final equipment must be re-confirmed that it still meets EMC directives. 								

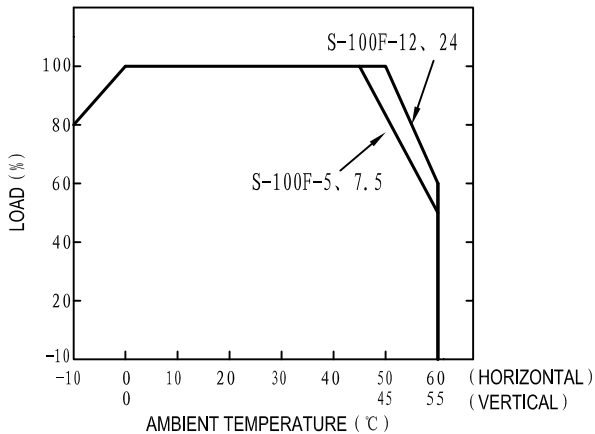
■ Outline and Dimension:



Terminal Pin No. Assignment:

Pin No.	Assignment	Pin No.	Assignment
1	AC/L	4, 5	DC OUTPUT -V
2	AC/N	6, 7	DC OUTPUT +V
3	FG \perp		

■ Derating Curve



■ Static Characteristics (24V)

